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DIALOG(R) File 351:Derwent WPI  
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WPI Acc No: 2000-377495/\*200033\*

XRAM Acc No: C00-114403

XRPX Acc No: N00-283436

Stabilized factor XIII and fibrinogen preparations useful as tissue adhesive components

Patent Assignee: CENTEON PHARMA GMBH (CENT-N); AVENTIS BEHRING GMBH (AVET )

Inventor: GRONSKI P; METZNER H

Number of Countries: 086 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19853033	A1	20000525	DE 1053033	A	19981118	200033 B
WO 200029041	A1	20000525	WO 99EP8812	A	19991116	200033
AU 200013834	A	20000605	AU 200013834	A	19991116	200042
EP 1131110	A1	20010912	EP 99972113	A	19991116	200155.
			WO 99EP8812	A	19991116	
KR 2001101028	A	20011114	KR 2001706252	A	20010517	200230

Priority Applications (No Type Date): DE 1053033 A 19981118

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 19853033 A1 18 A61L-024/00 Div in patent DE 19861158

WO 200029041 A1 G A61L-024/10

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200013834 A A61L-024/10 Based on patent WO 200029041

EP 1131110 A1 G A61L-024/10 Based on patent WO 200029041

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

KR 2001101028 A A61L-024/10

Abstract (Basic): \*DE 19853033\* A1

NOVELTY - A fibrinogen-free, factor XIII preparation is stabilized with a di- or tricarboxylic acid salt and other stabilizers. Also new are fibrinogen-containing preparations stabilized with chaotropic substances and a tissue adhesive pack consisting of the factor XIII preparation, a fibrinogen-containing preparation and a thrombin preparation.

DETAILED DESCRIPTION - A stabilized, fibrinogen-free, protein preparation which can be stored in liquid form contains:

- (a) blood coagulation factor XIII;
- (b) a di- or tricarboxylic acid salt, especially a citrate; and
- (c) additional factor XIII stabilizers.

INDEPENDENT CLAIMS are also included for:

- (A) a stabilized, liquid or deep-frozen protein preparation containing fibrinogen and less than 0.28 mol/l of a chaotropic substance which prevents or reduces fibrinogen aggregation; and
- (B) a tissue adhesive comprising a unit pack containing as separate

components either:

(i) the stabilized fibrinogen-free protein preparation, the stabilized, liquid or deep-frozen, fibrinogen-containing protein preparation and a thrombin-containing preparation; or

(ii) a mixture of the fibrinogen-free and fibrinogen-containing protein preparations and a thrombin-containing preparation.

USE - As tissue adhesive or for topical and parenteral therapeutic treatment.

ADVANTAGE - Compared with prior art formulations known from e.g. EP85923, DE19617369, EP856317 and 487713, the preparations have improved stability without loss of activity of the active agent and/or a reduced content of chaotropic substances. E.g., after a deep frozen preparation has been thawed it has a shelf life of at least 4 weeks up to several months compared with a few days for conventional concentrates.

pp; 18 DwgNo 0/0

Title Terms: STABILISED; FACTOR; FIBRINOGEN; PREPARATION; USEFUL; TISSUE; ADHESIVE; COMPONENT

Derwent Class: B04; D16; D22; P34

International Patent Class (Main): A61L-024/00; A61L-024/10

International Patent Class (Additional): A61K-038/36

File Segment: CPI; EngPI

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012315929

WPI Acc No: 1999-122035/\*199911\*

XRAM Acc No: C99-035905

XRPX Acc No: N99-089100

Conjugate for differential diagnosis of healthy and diseased tissue useful during surgery - comprises fluorescent composition and carrier which is excitable at specified wavelengths

Patent Assignee: DEUT KREBSFORSCHUNGSZENTRUM (DEKR-N); SCHRENK H (SCHR-I); SINN H (SINN-I); STEHLE G (STEH-I); WUNDER A (WUND-I)

Inventor: SCHRENK H; SINN H; STEHLE G; WUNDER A

Number of Countries: 021 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19731741	A1	19990128	DE 1031741	A	19970723	199911 B
WO 9905521	A2	19990204	WO 98DE2102	A	19980722	199912
EP 998674	A2	20000510	EP 98946241	A	19980722	200027
			WO 98DE2102	A	19980722	
JP 2001513583	W	20010904	WO 98DE2102	A	19980722	200165
			JP 2000504456	A	19980722	
US 20020037254	A1	20020328	WO 98DE2102	A	19980722	200225
			US 2000463474	A	20000804	

Priority Applications (No Type Date): DE 1031741 A 19970723

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 19731741 A1 G 10 A61K-049/00

WO 9905521 A2 G G01N-033/50

Designated States (National): JP US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE  
EP 998674 A2 G G01N-033/50 Based on patent WO 9905521  
Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE  
JP 2001513583 W 22 G01N-033/48 Based on patent WO 9905521  
US 20020037254 A1 A61B-005/55

Abstract (Basic): DE 19731741 A

A conjugate (I) comprises a fluorescent composition (A) and a carrier (C) which are bound through an acid ester or acid amide bond to an enone bridge. (I) is excitable at wavelengths > 630 nm and < 450 nm.

USE - (I) is used to distinguish between healthy and diseased tissue (all claimed). This aids the removal of diseased tissue in tumour operations.

Dwg.0/6

Title Terms: CONJUGATE; DIFFERENTIAL; DIAGNOSE; HEALTH; DISEASE; TISSUE; USEFUL; SURGICAL; COMPRIZE; FLUORESCENT; COMPOSITION; CARRY; EXCITATION; SPECIFIED; WAVELENGTH

Derwent Class: A25; A96; B04; P31; S03

International Patent Class (Main): A61B-005/55; A61K-049/00; G01N-033/48; G01N-033/50

International Patent Class (Additional): A01N-043/16; A61B-005/00; A61K-031/35; A61K-038/00; A61K-038/17; C07D-219/04; C07D-219/08; C07D-471/22; C07D-491/16; C07K-001/00; C07K-014/00; C07K-014/435; C07K-014/765; C07K-016/00; C07K-017/00; C09H-001/00; G01N-021/78; G01N-033/15; G01N-033/52; G01N-033/68

File Segment: CPI; EPI; EngPI

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DIALOG(R) File 351:Derwent WPI  
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011538168 \*\*Image available\*\*

WPI Acc No: 1997-514649/\*199748\*

Related WPI Acc No: 1996-288128

XRPX Acc No: N97-428085

Embolisation coil for endo-vascular occlusion of cerebral vessel malformation - comprises flexible metal wire which assumes tangled spherical or elliptical shape when leaving micro-guide used for its implantation in aneurysm, it then adapts to accommodate shape of aneurysm

Patent Assignee: KLEE D (KLEE-I); LAHANN J (LAHA-I); REUL J (REUL-I)

Inventor: KLEE D; LAHANN J; REUL J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19647280	A1	19971023	DE 1047280	A	19961115	199748 B

Priority Applications (No Type Date): DE 95U2018932 U 19951129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19647280	A1	6		A61F-002/01	

Abstract (Basic): DE 19647280 A

The coil comprises a flexible metal wire (5) which assumes a tangled spherical or elliptical shape when leaving a microguide used for its implantation in the aneurysm (4). It then adapts itself to imitate the anatomical shape of the aneurysms.

An effective thrombosis is induced by occluding the intraliminal blood flow. The metal surface of the coil may promote the clotting of the blood.

USE/ADVANTAGE - For selective endo-vascular occlusion of aneurysm. The malformation of the blood vessels is effectively occluded with minimum risk to the patient and imitating as closely as possible anatomical conditions.

Dwg.3/3

Title Terms: EMBOLISM; COIL; OCCLUDE; CEREBRAL; VESSEL; MALFORMATION; COMPRISE; FLEXIBLE; METAL; WIRE; ASSUME; TANGLE; SPHERE; ELLIPSE; SHAPE; LEAVE; MICRO; GUIDE; IMPLANT; ANEURYSM; ADAPT; ACCOMMODATE; SHAPE; ANEURYSM

Derwent Class: P32; P34

International Patent Class (Main): A61F-002/01

International Patent Class (Additional): A61L-027/00; A61M-025/14

File Segment: EngPI